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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re the Application of: **Hideaki YOSHIMURA et al.**

Group Art Unit: **2891**

Application Number: **10/772,252**

Examiner: **David A. Zarneke**

Filed: **February 6, 2004**

Confirmation Number: **6490**

For: **SEMICONDUCTOR DEVICE WITH IMPROVED HEAT  
DISSIPATION, AND A METHOD OF MAKING A SEMICONDUCTOR  
DEVICE**

Attorney Docket Number: **042088**

Customer Number: **38834**

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 C.F.R. §1.97(d)/(e)(1)**

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

January 17, 2007

Sir:

Applicants direct the attention of the Patent and Trademark Office to the documents listed on the attached PTO/SB/08. A copy of each non- U.S. document is attached.

This Information Disclosure Statement is being submitted after mailing of a final action, a Notice of Allowance, or an action that otherwise closes prosecution in the application, but before or concurrent with payment of the Issue Fee. A check is attached hereto which covers the \$180.00 fee set forth in 37 C.F.R. §1.17(p).

The undersigned hereby certifies that each item of information contained in the Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the Information Disclosure Statement. A copy of the foreign communication citing the documents is attached.

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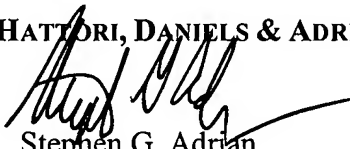
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Information Disclosure Statement under 1.97(d)  
Attorney Docket No. 042088  
Application No. 10/772,252

Each listed document was first cited in a communication from a foreign patent office and the communication was not received by any person defined in 37 C.F.R. §1.56(c) more than 30 days before filing of this paper.

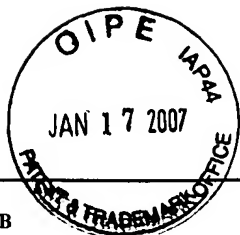
If there are any fees due in connection with the filing of this paper, please charge Deposit Account No. 50-2866.

Respectfully submitted,  
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Enclosures: PTO/SB/08  
Foreign Communication  
5 Documents  
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# **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Complete if Known

Application Number	10/772,252
Confirmation Number	6490
Filing Date	February 6, 2004
First Named Inventor	Hideaki YOSHIMURA et al.
Art Unit	2891
Examiner Name	David A. Zarneke
Attorney Docket Number	042088

Sheet

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of

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## **U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code <sup>2</sup> (if known)		
	1	US 2003/0127727	A1	07/10/2003	Ichiro Suehiro et al.
	2	US 6,462,952	B1	10/08/2002	Hiroshi Ubukata et al.
		US			
		US			
		US			

## **FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)			
	3	JP	2001-345405	A	12/14/2001	Toshiba Corp.	Corresponding to USPN 6,462,952
	4	JP	10-303340	A	11/13/1998	Toshiba Corp. et al.	Abstract
	5	JP	2001-110951	A	04/20/2001	Hitachi Ltd.	Abstract
	6	JP	2003-273294	A	09/26/2003	Nitto Denko Corp.	Corresponding to USPN 2003/0127727
	7	JP	2003-282631	A	10/03/2003	Fujikura Ltd.	Abstract

## **NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation <sup>6</sup>
	8	Office Action dated December 19, 2006 issued in corresponding Japanese Application No. 2003-044335.	

Examiner Signature

Date Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov), MPEP 901.04 or in the comment box of this document. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to indicate here if English language Translation is attached.